

Listing 3: New-SecureString.ps1

```
# Return a SecureString as a String.
function ConvertTo-String {
    param(
        [System.Security.SecureString] $secureString
    )
    $marshal = [System.Runtime.InteropServices.Marshal]
    try {
        $IntPtr = $marshal::SecureStringToBSTR($secureString)
        $string = $marshal::PtrToStringAuto($IntPtr)
    }
    finally {
        if ( $IntPtr ) {
            $marshal::ZeroFreeBSTR($IntPtr)
        }
    }
    $string
}

do {
    $ss1 = read-host "Enter string      " -assecurestring
    $ss2 = read-host "Enter again to confirm" -assecurestring
    $ok = (ConvertTo-String $ss1) -ceq (ConvertTo-String $ss2)
    if (-not $ok) {
        write-host "Strings do not match`r`n"
    }
}
until ( $ok )

$ss1
```